

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
22 September 2005 (22.09.2005)

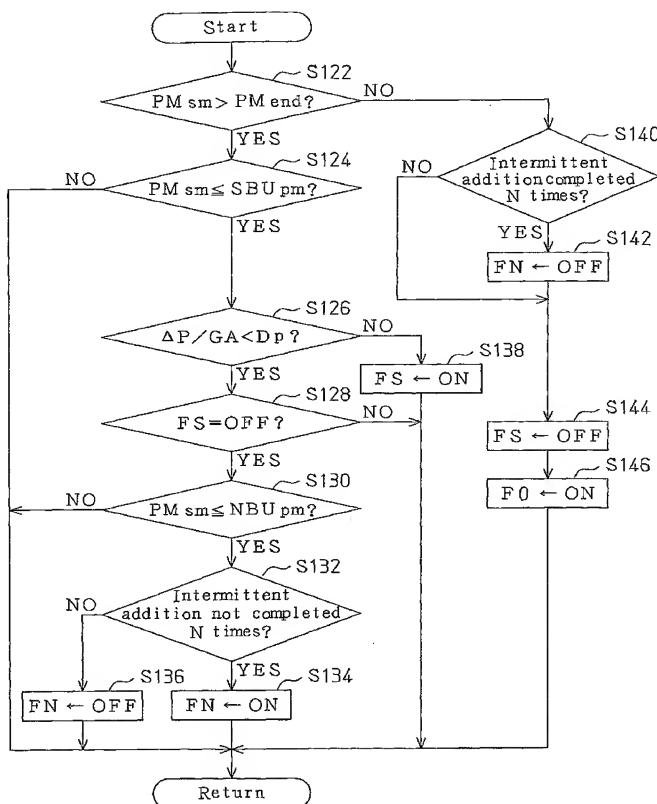
PCT

(10) International Publication Number  
**WO 2005/088095 A1**

- (51) International Patent Classification<sup>7</sup>: **F01N 9/00**, 3/025, 3/08, F02D 41/02
- (21) International Application Number: PCT/JP2005/004733
- (22) International Filing Date: 10 March 2005 (10.03.2005)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 2004-068996 11 March 2004 (11.03.2004) JP
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH,

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(54) Title: REGENERATION CONTROLLER FOR EXHAUST PURIFICATION APPARATUS OF INTERNAL COMBUSTION ENGINE



(57) Abstract: A regeneration controller for preventing a large amount of particulate matter from being suddenly burned without increasing the frequency a heating process is performed. The regeneration controller includes an ECU(70) for heating an exhaust purification apparatus to eliminate the particulate matter accumulated in the exhaust purification apparatus when an estimated accumulation amount is greater than a reference accumulation amount. The ECU(70) obtains the estimated accumulation amount by estimating the amount of particulate matter accumulated in the exhaust purification apparatus. Furthermore, the ECU (70) changes modes for heating an exhaust purification apparatus when the regeneration controller is heated and an estimated accumulation amount is within a mode change range.

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PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

- (84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,

**Published:**

— with international search report

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